



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## DPYS monoclonal antibody (M01), clone 3B1

Catalog # : H00001807-M01

規格 : [ 100 ug ]

[List All](#)

### Specification

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant DPYS.

**Immunogen:** DPYS (NP\_001376, 422 a.a. ~ 519 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:** AVNFNIFEGMVCHGVPLVTISRKVVYEAGVFSVTAGDGKFIIPKPF AEYI YKRIKQRDRTCTPTPVERAPYKGEVATLKSRVTKEDATAGTRKQ AHP

**Host:** Mouse

**Reactivity:** Human

**Isotype:** IgG1 Kappa

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.

**Storage Buffer:** In 1x PBS, pH 7.4

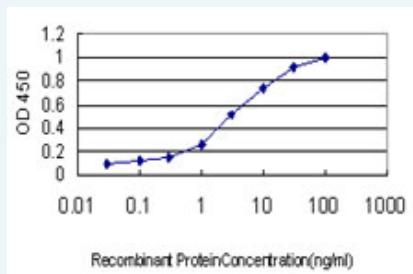
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:** [Download](#)

**Datasheet:** [Download](#)

### Applications

#### Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged DPYS is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

### ELISA

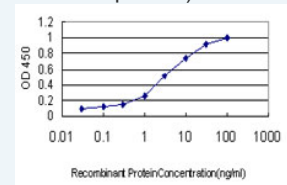
### Gene Information

**Entrez GeneID:** [1807](#)

**GeneBank Accession#:** [NM\\_001385](#)

### Application Image

Sandwich ELISA (Recombinant protein)



[enlarge](#)

ELISA

**Protein** [NP\\_001376](#)

**Accession#:**

**Gene Name:** DPYS

**Gene Alias:** DHP,DHPase

**Gene Description:** dihydropyrimidinase

**Omim ID:** [222748](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** Dihydropyrimidinase catalyzes the conversion of 5,6-dihydrouracil to 3-ureidopropionate in pyrimidine metabolism. Dihydropyrimidinase is expressed at a high level in liver and kidney as a major 2.5-kb transcript and a minor 3.8-kb transcript. Defects in the DPYS gene are linked to dihydropyrimidinuria. [provided by RefSeq]

**Other Designations:** dihydropyrimidine amidohydrolase,hydantoinase

#### **Gene Pathway**

[beta-Alanine metabolism](#) [Drug metabolism - other enzymes](#) [Metabolic pathways](#)  
[Pantothenate and CoA biosynthesis](#) [Pyrimidine metabolism](#)

#### **Related Disease**

[Colorectal Neoplasms](#) [Drug Toxicity](#) [Liver Diseases](#) [Neoplasms](#)

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